

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L23	2	"20050012784"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 12:49
L24	10	("5245244"   "5466985"   "5593495"   "5754205"   "6013970"   "6019458"   "6126279"   "6176570"   "6186618"   "6260956").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/12 13:07
L25	2	"6478412".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 13:09
L26	1	2000-532756.NRAN.	DERWENT	OR	ON	2005/09/12 13:10
L27	1	2000-532756.NRAN.	DERWENT	OR	ON	2005/09/12 13:11
L28	22	(US-20010030674-\$ or US-20020113846-\$ or US-20020145648-\$ or US-20020175974-\$ or US-20020186278-\$ or US-20030016273-\$ or US-20040246313-\$ or US-20050012784-\$.did. or (US-5856837-\$ or US-5933167-\$ or US-6050678-\$ or US-6113225-\$ or US-6336717-\$.did. or (EP-963846-\$.did. or (JP-03161342-\$ or JP-04257446-\$ or JP-57201665-\$ or JP-60196357-\$ or JP-58155961-\$.did. or (EP-738599-\$ or EP-780913-\$ or EP-963846-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/12 13:16
L29	2	L28 and trapezoid\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 13:16
L30	6	((width length) with (piezoelectric pzt) with (pressure adj chamber)) and ratio and trapezoid\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 13:17

L31	11	(width length) same (((piezoelectric pzt) near4 element) with trapezoid\$2) and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 13:19
L32	1	((width length) with (pressure adj chamber)) same (((piezoelectric pzt) near4 element) with trapezoid\$2) and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 13:17
L33	63163	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 13:19
L34	123192	"310"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 13:20
L35	417	(trapezoid\$3 quadrilateral) with (pzt piezoelectric piezo ferroelectric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 13:22
L36	75	33 and 35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 13:30
L37	111	34 and 35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 13:30
L38	3	"6712456".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/12 14:00
L39	1	2002-197223.NRAN.	DERWENT	OR	ON	2005/09/12 13:51
L40	1	ep-782923-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:01
L41	1	ep-830945-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:02

L42	2348694	ep-("919383" "963846" "963846")-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:03
L43	1	ep-919383-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:03
L44	1	ep-963846-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:03
L45	1	jp-03293141-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:04
L46	1	jp-05286131-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:04
L47	1	jp-07318417-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:05
L48	1	jp-08298318-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:05
L49	1	jp-09156097-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:06
L50	0	jp-20010286960-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:06
L51	1	jp-2001286960-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:06
L52	1	jp-10286960-\$.did.	EPO; JPO	OR	ON	2005/09/12 14:06
S1	4	"632113".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 09:07
S2	2	"05286131".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 09:10
S3	1	1993-382758.NRAN.	DERWENT	OR	OFF	2004/12/29 09:09
S4	2	"09232644".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 09:11
S5	2	"08281944".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 09:12
S6	2	jp-2000085124-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 13:37

S7	2	"11078002".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 08:12
S8	59630	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 10:00
S9	473	(lower adj electrode) same (upper adj electrode) same ((piezo piezoelectric) adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 14:46
S10	131984	(pressure near\$3 chamber) same (nozzle oriface) same (vibration near\$3 plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 09:20
S11	107	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 09:20
S12	82	S10 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 09:20
S13	173	(width size dimension length area) same (piezo\$7) same (pressure near chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:36
S14	2770	347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 10:03

S15	39	S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 10:03
S16	58	S8 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 10:36
S17	48	(lower adj electrode) same (upper adj electrode) same ((piezo piezoelectric) adj layer) same width\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 12:56
S18	8	(US-20020175974-\$).did. or (US-6113225-\$ or US-5376857-\$). did. or (EP-1232865-\$ or EP-963846-\$ or EP-855273-\$).did. or (JP-2004066496-\$).did. or (EP-963846-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/29 13:37
S19	2	"6336717".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 13:38
S20	2	("4584590"   "5376857").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/29 13:39
S21	2	("6336717").URPN.	USPAT	OR	OFF	2004/12/29 13:40
S22	48	(lower adj electrode) same (upper adj electrode) same ((piezo piezoelectric) adj layer) same width\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 14:47
S23	59630	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/29 14:47
S24	15	S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 06:58

S25	1606	310/324,330,331.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 06:59
S26	173	(width size dimension length area) same (piezo\$7) same (pressure near chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 06:59
S27	1	S25 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 06:59
S28	8	("4409601"   "4424465"   "4438441"   "4459601"   "4566018"   "4812698"   "5381171"   "5438554").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/30 07:02
S29	5	("5786833").URPN.	USPAT	OR	OFF	2004/12/30 07:19
S30	883	347/65.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:42
S31	173	(width size dimension length area) same (piezo\$7) same (pressure near chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:37
S32	0	S30 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:37
S33	132067	(pressure near\$3 chamber) same (nozzle oriface) same (vibration near\$3 plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:37

S34	324	S30 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:40
S35	3588	(width\$4 adj (chamber room))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:42
S36	3	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:41
S37	59700	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:42
S38	5385	(width\$4 near (chamber room))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:42
S39	160	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:43
S40	0	("2001/0030674").URPN.	USPAT	OR	OFF	2004/12/30 10:50
S41	59700	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 14:26
S42	5385	(width\$4 near (chamber room))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 14:27

S43	160	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 14:26
S44	607	(width\$4 near (piezo piezoelectric (piezo\$3electric)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 14:28
S45	22	S42 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 14:28
S46	21	S41 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/04 14:29
S47	2	jp-2002225335-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 08:12
S48	2	("6336717").URPN.	USPAT	OR	OFF	2005/01/05 08:16
S49	2	("4584590"   "5376857").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/05 08:17
S50	173	(width size dimension length area) same (piezo\$7) same (pressure near chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:46
S51	59700	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:56
S52	473	(lower adj electrode) same (upper adj electrode) same ((piezo piezoelectric) adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:56



S53	107	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 09:56
S54	173	(width size dimension length area) same (piezo\$7) same (pressure near chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:36
S55	59700	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 10:20
S56	10505	S55 and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 10:20
S57	5385	(width\$4 near (chamber room))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 10:21
S58	82	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 10:43
S59	2	"04257446".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 10:43
S60	59736	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 12:03

S61	10515	S60 and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 12:03
S62	5387	(width\$4 near (chamber room))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 12:03
S63	82	S61 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 12:03
S64	2	jp-2000326503-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 13:41
S65	2	"6336717".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/05 13:41
S66	2	("6336717").URPN.	USPAT	OR	OFF	2005/01/05 13:47
S67	2	"6336717".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 07:15
S68	1	2000-055342.NRAN.	DERWENT	OR	OFF	2005/01/05 13:48
S69	1	2000-055342.NRAN.	DERWENT	OR	OFF	2005/01/05 14:02
S70	1	2000-055342.NRAN.	DERWENT	OR	OFF	2005/01/06 06:41
S71	1	2000-055342.NRAN.	DERWENT	OR	OFF	2005/01/06 07:13
S72	2	"6335750".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 07:15
S73	1	2000-055342.NRAN.	DERWENT	OR	OFF	2005/01/06 07:20

S74	1103	(width size dimension length area) with ((piezoelectric pzt) and (pressure near4 chamber))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:38
S75	61220	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:37
S76	606	S74 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:37
S77	2981	347/68-73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:37
S78	439	S74 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:37
S79	318	(width length) with (piezoelectric pzt) with (pressure near4 chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:39
S80	186	S75 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:39
S81	178	(width length) with (piezoelectric pzt) with (pressure adj chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:39

S82	114	S75 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 13:39
S83	60	((width length) with (piezoelectric pzt) with (pressure adj chamber)) and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:18
S84	2	"20050012784"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 09:54
S85	1	2004-287454.NRAN.	DERWENT	OR	ON	2005/08/01 09:54
S86	6	((width length) with (piezoelectric pzt) with (pressure adj chamber)) and ratio and trapezoid\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:08
S87	22	(US-20010030674-\$ or US-20020113846-\$ or US-20020145648-\$ or US-20020175974-\$ or US-20020186278-\$ or US-20030016273-\$ or US-20040246313-\$ or US-20050012784-\$).did. or (US-5856837-\$ or US-5933167-\$ or US-6050678-\$ or US-6113225-\$ or US-6336717-\$).did. or (EP-963846-\$).did. or (JP-03161342-\$ or JP-04257446-\$ or JP-57201665-\$ or JP-60196357-\$ or JP-58155961-\$).did. or (EP-738599-\$ or EP-780913-\$ or EP-963846-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 10:09
S88	2	S87 and trapezoid\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:10

S89	1	((width length) with (pressure adj chamber)) same ((piezoelectric pzt) near4 element) with trapezoid\$2 and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:21
S90	1	((width length) with (pressure adj chamber)) same (((piezoelectric pzt) near4 element) with trapezoid\$2) and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:21
S91	11	(width length) same (((piezoelectric pzt) near4 element) with trapezoid\$2) and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:21